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- (74) Agent: **DORRESTIJN**, Antoon; DSM Intellectual Property, P.O. Box 9, 6160 MA Geleen (NL).
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- (71) Applicant (*for all designated States except US*): **DSM IP ASSETS B.V.** [NL/NL]; Het Overloon 1, NL-6411 Te Heerlen (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **JAHROMI, Shahab** [NL/NL]; Foldersdreef 32, NL-6216 TE Maastricht (NL). **WIENKE, Dietrich** [DE/NL]; Beuk-Straat 9, NL-6181 KV Elsloo (NL). **BREMER, Leonardus, Gerardus, Bernardus** [NL/BE]; Clos Robinson 19, B-4600 Vise (BE).
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(54) Title: A METHOD AND APPARATUS FOR PRODUCING MICROCHIPS

(57) Abstract: Method for producing microchips by using immersion lithography, wherein the immersion fluid comprises an additive so that the refractive index of the immersion fluid is increased relative to the fluid not comprising the additive. The exposure light in the method has improved resolution, so that microchips having an increased integration density are obtained. The invention also relates to the immersion fluid and an apparatus for immersion lithography, comprising the immersion fluid.

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